

## RUN CHANGES

### RUN 10 NEW CHASSIS START PRODUCTION

#### WARNINGS

USE ISOLATION TRANSFORMER WHEN SERVICING CHASSIS.  
WHEN SERVICING, USE EXACT REPLACEMENT PARTS (SEE "SAFETY CRITICAL COMPONENTS" NOTICE). ALSO PERFORM ALL SAFETY CHECKS

#### VOLTAGE & WAVEFORM INFORMATION

DC VOLTAGES ARE MEASURED WITH RESPECT TO COMMON GROUND (B-). USING A VTVM, LINE VOLTAGE SET AT 120VAC AND ALL CONTROLS SET FOR NORMAL PICTURE. VOLTAGE READINGS TAKEN WITH SIGNAL.

#### SCHEMATIC NOTES

(UNLESS OTHERWISE INDICATED)  
RESISTOR VALUES IN OHMS,  $\pm 5\%$ , 1/4W.  
CAPACITOR VALUES 1 OR HIGHER IN PF, LESS THAN 1 IN UF,  $\pm 20\%$ , 50V  
COIL RESISTANCE VALUES LESS THAN 1 OHM, NOT SHOWN.  
⊕ COMMON GROUND (B-)  
Ⓜ RUN NUMBER INDICATES CHANGE(S) INCORPORATED AS GIVEN UNDER THAT RUN NUMBER, AS WELL AS ALL LOWER RUN CHANGES.  
ⓂF SYMBOL INDICATES MYLAR CAPACITOR.

#### SEMICONDUCTOR CAUTIONS

TO AVOID DAMAGE TO SEMICONDUCTOR DEVICES DO NOT ARC 2ND ANODE LEAD OR PICTURE TUBE ANODE TO GROUND. DISCHARGE ONLY TO PICTURE TUBE DAG OR DAG GROUND. DO NOT TURN SET ON WITH TRANSISTOR (S) REMOVED, OR PICTURE TUBE OR OTHER LEADS REMOVED OR UNSOLDERED. USE CAUTION TO PREVENT ACCIDENTAL SHORTS BETWEEN COMPONENT LEADS OR TO CHASSIS GROUND. MAKE CONTINUITY AND RESISTANCE MEASUREMENTS WITH VTVM, FIELD EFFECT METER, OR OTHER HIGH INPUT IMPEDANCE METER. DO NOT USE A VOLT-OHM-METER HAVING LESS THAN 100K OHMS/VOLT FOR RESISTANCE MEASUREMENTS.

## SAFETY CRITICAL PARTS LIST

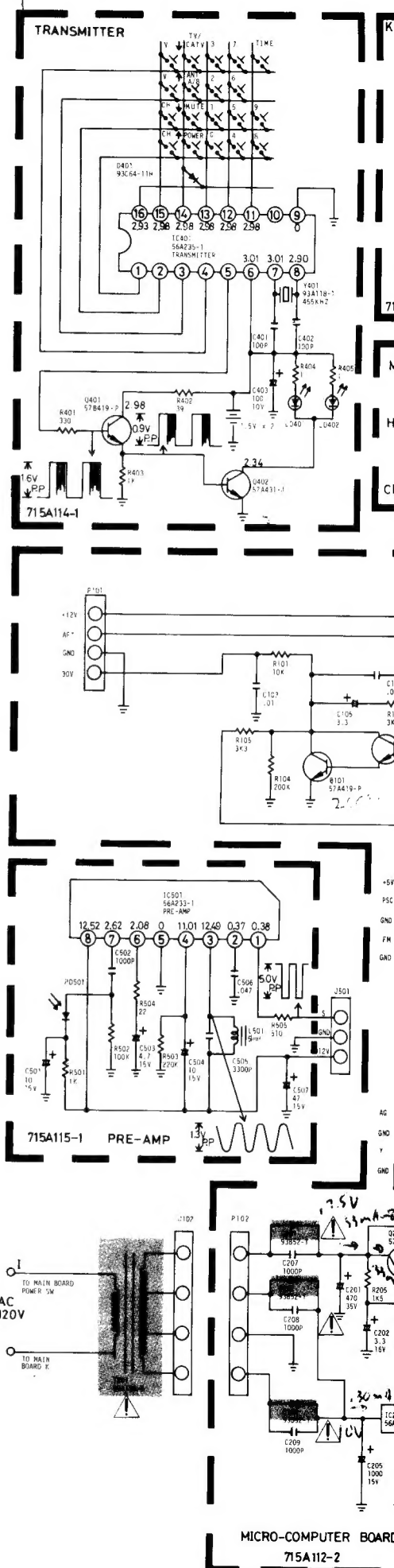
| REF. NO.        | PART NO.   |
|-----------------|------------|
| C1100           | 63D34-1    |
| C1101           | 63D34-1    |
| D201            | 93B52-1    |
| D202            | 93B52-1    |
| D203            | 93B52-1    |
| T201            | 80A134-4   |
| RY101           | 77A260-2   |
| ANT. SHIELD BOX | 750A1823-1 |

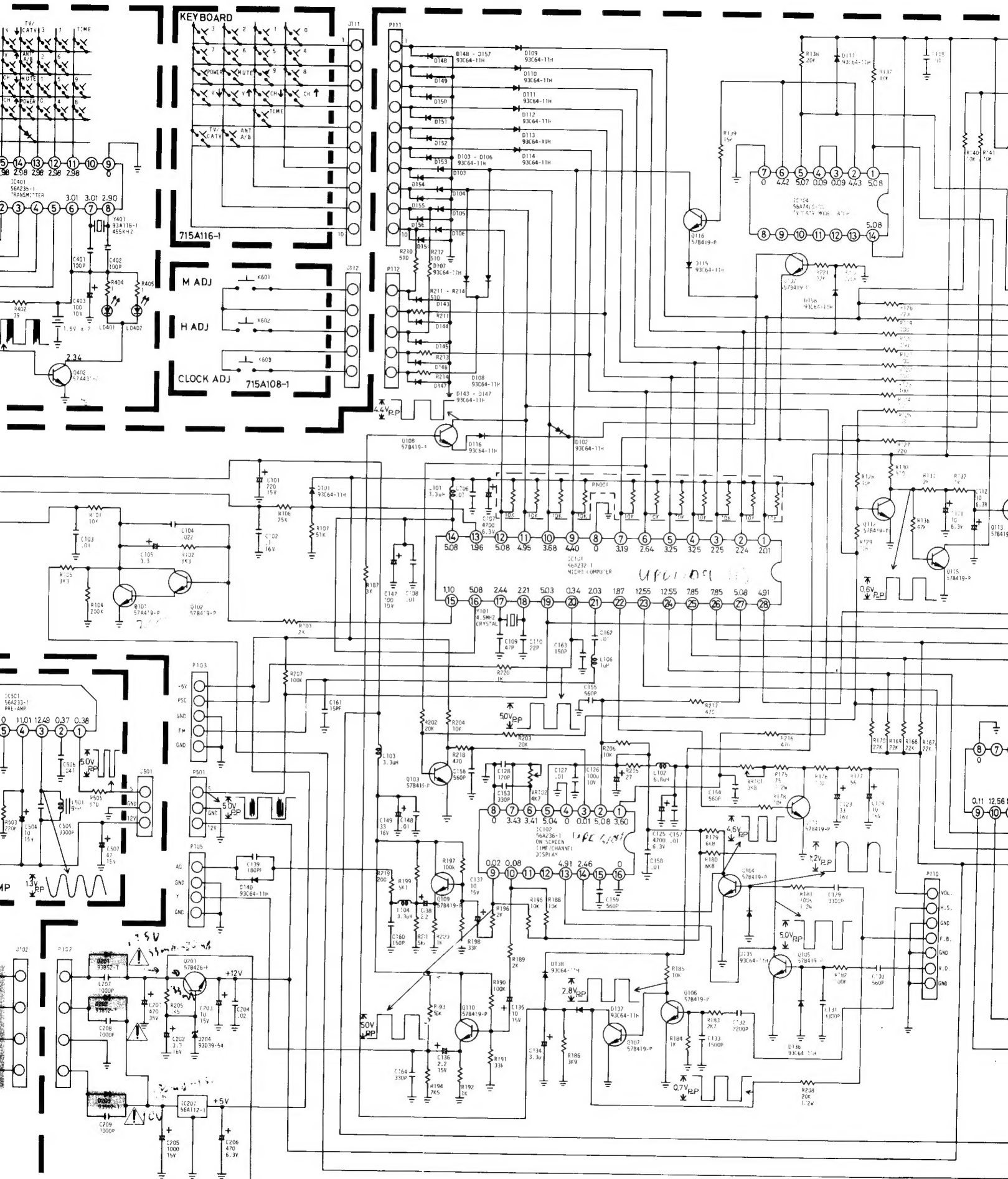
#### SAFETY CRITICAL COMPONENTS

THE DESIGN OF THIS RECEIVER CONTAINS MANY CIRCUITS AND COMPONENTS INCLUDED SPECIFICALLY FOR SAFETY PURPOSES. FOR CONTINUED PROTECTION, NO CHANGES SHOULD BE MADE TO THE ORIGINAL DESIGN AND COMPONENTS SHOWN IN SHADED AREAS ON THE SCHEMATIC SHOULD BE REPLACED WITH EXACT FACTORY REPLACEMENT PARTS. THE USE OF UNAUTHORIZED SUBSTITUTE PARTS MAY CREATE A SHOCK, FIRE, X-RADIATION, OR OTHER HAZARD. SERVICE SHOULD BE PERFORMED BY QUALIFIED PERSONNEL ONLY.

#### RELIABILITY AND PERFORMANCE

FOR CONTINUED RELIABILITY AND PERFORMANCE, EXACT FACTORY REPLACEMENTS ARE RECOMMENDED FOR ALL OTHER PARTS REPLACED. IF A SUBSTITUTE MUST BE USED, BE SURE ITS QUALITY AND SPECIFICATIONS ARE IDENTICAL TO THE ORIGINAL PART.





MICRO-COMPUTER BOARD  
715A112-2



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| NOTE                           |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| FOR T800 79A307-1<br>PAIR WITH | FOR T800 79A307-2<br>PAIR WITH | FOR T800 79A307-3<br>PAIR WITH |
| 1. L801 33uH                   | 1. L801 100uH                  | 1. L801 SHORT                  |
| 2. C818 .012 200V              | 2. C818 SHORT                  | 2. C818 OPEN                   |
| 3. R809 6K8 1/4W 2             | 3. R809 5K1 1/4W 2             | 3. R809 6K2 1/4W 2             |
| 4. R810 3K 1/4W                | 4. R810 3K9 1/4W               | 4. R810 3K3 1/4W               |
| 5. R811 510 1/4W 2             | 5. R811 510 1/4W 2             | 5. R811 SHORT                  |
| 6. R812 15 1/2W                | 6. R818 100 1/2W               | 6. R818 OPEN                   |
| 7. R826 0.2 2W                 | 7. R826 1.8 2W                 | 7. R826 1 2W                   |
| 8. R825 2K2 1/2W               | 8. R825 820 1/2W               | 8. R825 2K2 1/2W               |

FOR CRT 1940R222 1. L801 33uH 2. C818 56uH

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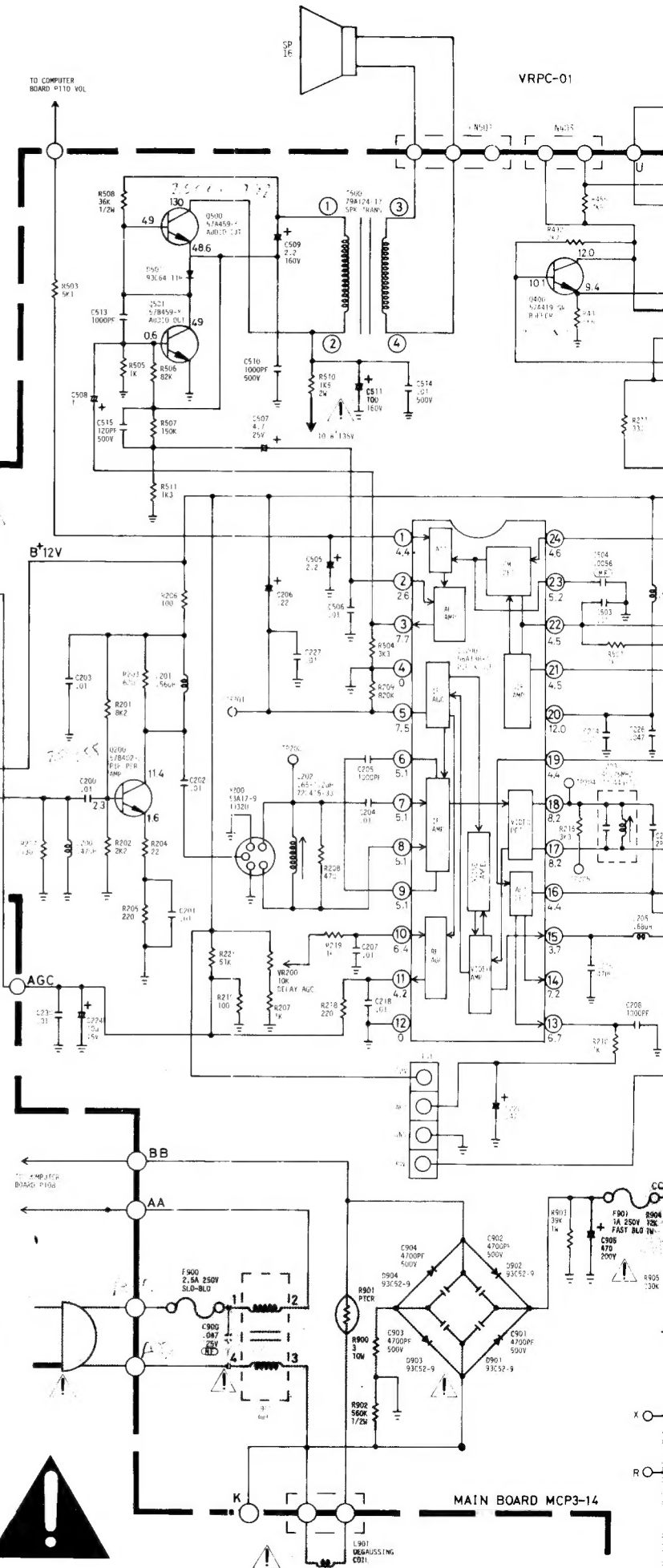
LINE CORD IS POLARIZED  
SMALLER PIN CONNECTS  
TO HOT SIDE OF AC LINE  
120V 60Hz

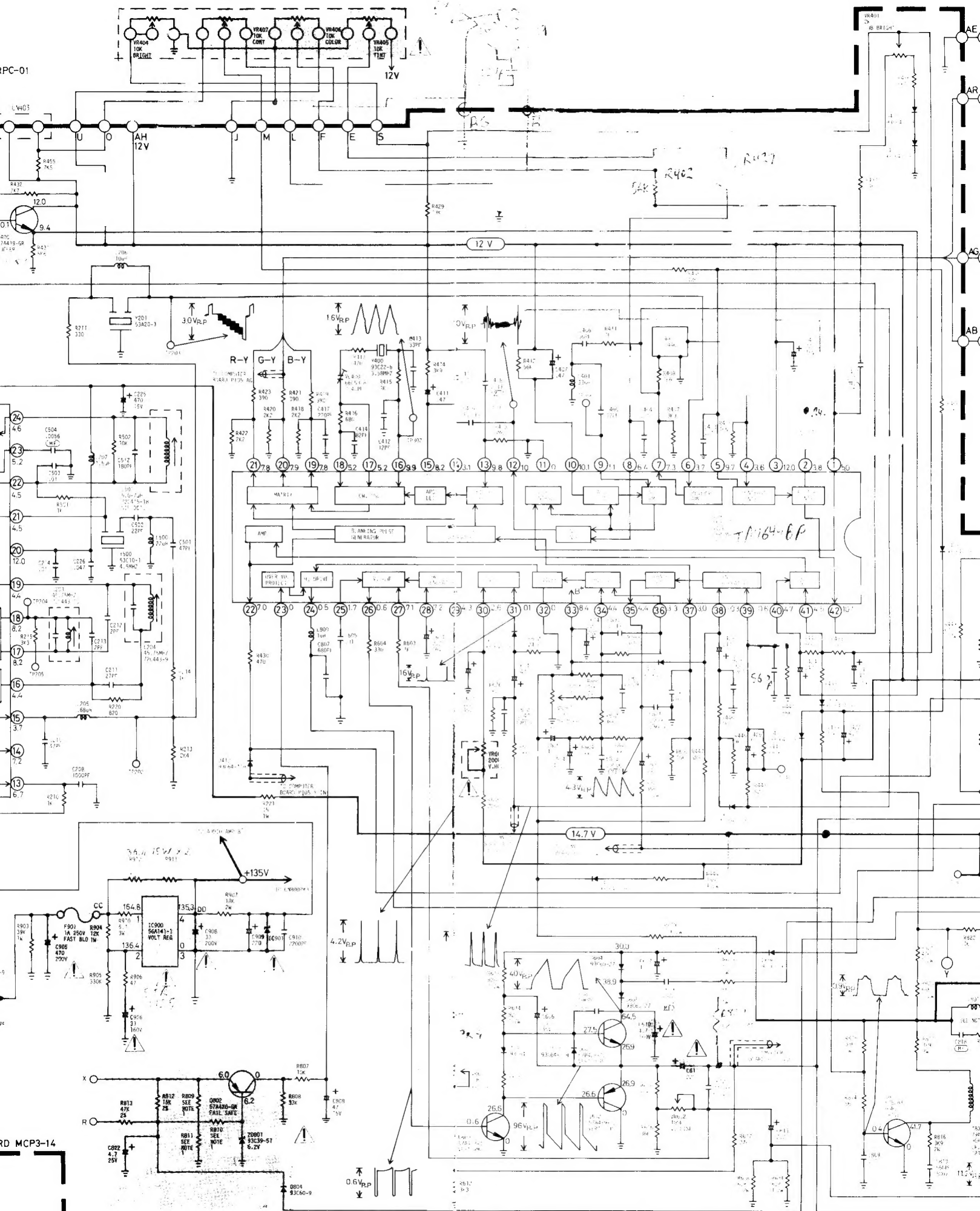
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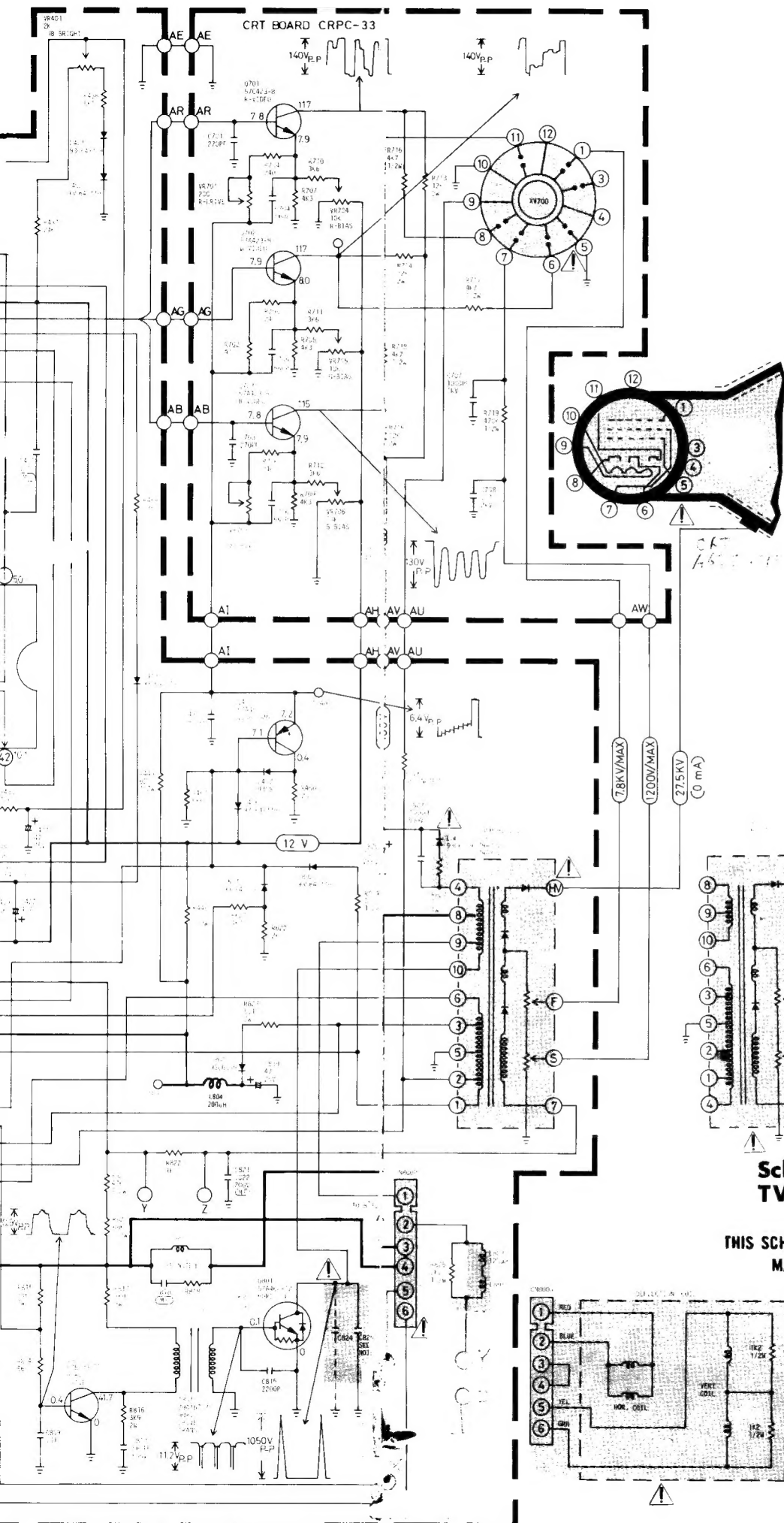
**RELIABILITY AND PERFORMANCE**

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## SAFETY CRITICAL PARTS LIST

| REF. NO.       | PART NO.       |
|----------------|----------------|
| C511           | 67S201-101-10M |
| C610           | 67S201-479-10  |
| C611           | 67S201-221-7M  |
| C825           | 64A103-9       |
| C816           | 67S201-330-10M |
| C817           | 63S103-4       |
| C822           | 67S201-479-7   |
| C900           | 63A107-1       |
| C905           | 67D30-38       |
| C906           | 67S201-330-10M |
| C908           | 67D90-20       |
| R808           | 61S172-333-57  |
| R809           | 67S171-682-57  |
| R810           | 61S172-302-57  |
| R811           | 61S171-511-57  |
| R812           | 61S171-153-57  |
| R813           | 67S171-473-57  |
| R827           | 61S208-100     |
| R900           | 61D20-189      |
| R901           | 61S52-7        |
| R902           | 61S175-564     |
| R910           | 61S153-519     |
| R911           | 61D20-195      |
| R912           | 61D20-195      |
| VR404          | 75D308-5       |
| VR405          | 75D308-3       |
| VR406          | 75D308-3       |
| VR407          | 75D308-3       |
| VR600          | 75D308-4A      |
| L900           | 73C140-4       |
| L901           | 700D1697-51    |
| L803           | 73C147-7       |
| T800           | 79A307-1       |
| T800           | 79A307-2 ALT   |
| T800           | 79A307-3 ALT   |
| F900           | 84C7-35        |
| F901           | 84B4-6         |
| D803           | 93C60-26       |
| D804           | 93C60-9        |
| D901           | 93C52-9        |
| D902           | 93C52-9        |
| D903           | 93C52-9        |
| D904           | 93C52-9        |
| ZD801          | 93C39-79       |
| IC900          | 56A141-1       |
| IC901          | 56A113-1       |
| CN800P         | 33T3074-5      |
| XV700          | 87A301-1       |
| CRT            | 750A3700-2     |
| CRT            | 750A4100-2 ALT |
| AC CORD        | 89S168-11      |
| MAIN POWER SW. | 77A267-1       |
| TUNER          | 94A938-2       |

## Schematic for M9C 2 Color TV Chassis Random Access Tuning Series

THIS SCHEMATIC MAY NOT INCLUDE CIRCUIT REFINEMENTS  
MADE DURING THE COURSE OF PRODUCTION.

